

Appl. No. 10/822,078
Reply to Office action of 05/18/2005

REMARKS

Reconsideration of the above-referenced application in view of the above amendment, and of the following remarks, is respectfully requested.

Claims 1-14 are pending in this case. Claim 2 is amended herein.

The Examiner rejected claims 1 and 8 under 35 U.S.C. 102(e) as being anticipated by Bashir et al. (U.S. Patent 5,930,635, herein after Bashir).

Applicant respectfully submits that claim 1 is unanticipated by Bashir as there is no disclosure or suggestion in the reference of depositing a layer of silicon enhanced with germanium over each collector region in steps each separate from the other so that crystalline SiGe layers of differing germanium profiles materialize over the collector regions, as required by claim 1. Bashir teaches separately forming SiGe layers for NPN and PNP transistors. However, in Bashir, the separately tailored SiGe layers have different type dopants: n-type vs. p-type rather than differing germanium profiles as required by the claim. There is no disclosure or suggestion of differing germanium profiles in Bashir. In fact, Bashir teaches the same Si/Ge chemical formula for both layers: $\text{Si}_x\text{Ge}_{1-x}$, where x varies from 0.8 to 0.9 (Col 3, lines 64-66 and col 4, lines 54-56). Accordingly, Applicant respectfully submits that Claim 1 is unanticipated by Bashir.

Applicant respectfully submits that claim 8 and the claims dependent thereon are similarly unanticipated by Bashir.

The Examiner objected to claims 2-7 and 9-14 as being dependent upon a rejected base claim but would be allowable if rewritten in independent form including all the limitations of the base claim and any intervening claims. Claim 2 is rewritten in independent form including all the limitations of the base claim, claim 1. There were no

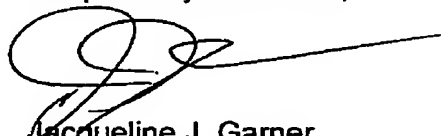
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intervening claims. Accordingly, Applicant respectfully submits that claim 2 and the claims dependent thereon are allowable.

Claims 9-14 depend from independent claim 8. Claim 8 is believed to be allowable as discussed above. Accordingly, Applicant respectfully requests that the objection be withdrawn and claims 8-14 be allowed.

In light of the above, Applicant respectfully requests withdrawal of the Examiner's rejections and allowance of claims 1-14. If the Examiner has any questions or other correspondence regarding this application, Applicant requests that the Examiner contact Applicant's attorney at the below listed telephone number and address.

Respectfully submitted,



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